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AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as shown below:

METHOD FOR CHARACTERISING-CHARACTERIZING AN OPTICAL FIBRE FIBER LINK

ABSTRACT OF THE DISCLOSURE

~~The present invention is related to a~~ A method for characterising-characterizing an optical link by its beat length, coupling length and ~~polarisation~~ polarization mode dispersion ~~comprising the steps of:~~ is disclosed. ~~—sending a~~ A pulsed signal is sent along said optical ~~fibre~~ fiber link and ~~measuring~~ the backscattered signal (being a POTDR signal); is measured after passing through a ~~polarizer~~ polarizer. ~~—deriving the~~ The length of said optical ~~fibre~~ fiber, the average power difference between two successive minima of said backscattered signal and the number of maxima per unit length; are derived. ~~—in~~ In an iterative way ~~determining~~ a beat length interval and an interval for the ~~polarisation~~ polarization mode coupling parameter are determined; until the length of said intervals is below a predetermined value, yielding a value for the beat length and the coupling length, and ~~—calculating the~~ polarisation polarization mode dispersion is calculated.